

Amendments to the Claims:

1. (Currently Amended) A hand-held device for enabling communication between one or more devices connected to one or more cellular networks and one or more devices connected to a wireless local area network, comprising:

- a) a first transceiver for communicating with said one or more devices connected to said one or more cellular networks by sending and receiving cellular signals, the first transceiver having a cellular network address;
- b) a second transceiver for communicating with the one or more devices connected to said wireless local area network by sending and receiving short-range radio signals;
- c) a storage device to store:
  - c.1. a router software component for transferring data packets between the one or more devices connected to the one or more cellular networks and the one or more devices connected to the wireless local area network by the cellular signals and the short-range radio signals; and
  - c.2. an interface software component to add a first network service software component that provides one or more network services to the wireless local area network, the first network service software component loaded into the storage device from the one or more devices connected to the one or more cellular networks; and one or more processors connected to the storage device to process the cellular signals and the short-range radio signals.

wherein the cellular network includes a plurality of public IP addresses and the wireless local area network includes a plurality of private IP addresses, and wherein the router software component translates a first IP address in the plurality of public IP addresses to a second IP address in the plurality of private IP addresses.

2. (previously presented) The hand-held device of claim 1, wherein the packet is an Internal Protocol ("IP") packet.

3-4 (cancelled)

5. (currently amended) The hand-held device of claim 1, wherein the one or more cellular networks ~~is~~are connected to the Internet.

6. (cancelled)

7. (previously presented) The hand-held device of claim 1, wherein the one or more cellular networks are connected to a corporate network.
8. (previously presented) The hand-held device of claim 1, wherein the one or more cellular networks are connected to a private IP network.
9. (currently amended) The hand-held device of claim 1, wherein the ~~one or more~~ wireless local area networks include a ~~[[a]]~~ Bluetooth™ wireless local area network.
10. (currently amended) The hand-held device of claim 1, wherein the ~~one or more~~ wireless local area networks include a 802.11 wireless local area network.
11. (previously presented) The hand-held device of claim 1, wherein the router software component includes a network address translator ("NAT") software component to translate between a the cellular network address and a first wireless local area network address.
12. (previously presented) The hand-held device of claim 1, wherein the router software component includes a network address port translation ("NAPT") software component to translate between the cellular network address and a first wireless local area network address.
13. (previously presented) The hand-held device of claim 1, wherein the router software component includes a local routing software component to route an IP packet between a first wireless device in the wireless local area network and a second wireless device in the wireless local area network.
- 14-16 (cancelled)
17. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a pairing management software component to determine whether a first wireless device, which is connected to the wireless local area network, is responsive to a signal from one or more devices connected to the cellular network.
18. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a virtual private network software component to establish a secure link.

19. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a firewall software component.
20. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a statistics software component to collect usage information of the wireless local area network.
21. (previously presented) The hand-held device of claim 20, wherein the statistics software component collects usage information of a first wireless device in the wireless local area network.
22. (previously presented) The hand-held device of claim 20, wherein the statistics software component collects usage information of an application software component in a first wireless device in the wireless local area network.
23. (previously presented) The hand-held device of claim 1, wherein the first network service software component includes a link optimization software component to convert an IP packet included in the plurality of data packets from a first wireless device in the wireless local area network to an optimized cellular protocol packet.
24. (previously presented) The hand-held device of claim 1, wherein the first network service software component includes a reverse firewall software component to drop a packet included in the plurality of data packets from a first wireless device in the wireless local area network.
25. (previously presented) The hand-held device of claim 1, wherein the first network service software component includes a reverse firewall software component to drop a packet included in the plurality of data packets from a first application software component on a first wireless device in the wireless local area network.
26. (previously presented) The hand-held device of claim 1, wherein the first network service software component includes a flashing software component to provide a flash image to a first wireless device, in the wireless local area network, to update capability of the first wireless device.

27. (previously presented) The hand-held device of claim 1, wherein the first network service software component includes a flashing software component to provide a flash image to a first wireless device, in the wireless local area network, that repairs the first wireless device.

28. (previously presented) The hand-held device of claim 1, wherein the first network service software component includes a flashing software component to provide a flash image to a first wireless device, in the wireless local area network, to add capability of the first wireless device.

29. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a message software component to provide a message between a first wireless device and a second wireless device in the wireless local area network.

30. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a service level enforcement software component to limit an amount of packets transferred from a first wireless device in the wireless local area network to the one or more cellular networks during a period of time.

31. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a Bluetooth™ LAN Access Profile software component.

32. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a Bluetooth™ Dial-Up Profile software component.

33. (previously presented) The hand-held device of claim 1, wherein the first network service software component is a Virtual Bluetooth™ Dial-Up Profile software component to provide packet switching in response to a circuit switching signal.

34-53 (cancelled)

54. (currently amended) A system for enabling communication between one or more devices connected to one or more cellular networks and one or more devices connected to a wireless local area network, the system comprising:

- a) a managing processing device connected to the one or more cellular networks for managing, collecting and configuring data in the wireless local area network;

b) a hand-held device connected to said managing processing device and connected to the wireless local area network, the handheld device comprising:

b.1. a router software component for transferring a plurality of packets between one or more devices connected to the one or more cellular networks and the one or more devices connected to the wireless local area network by the cellular signals and the short-range radio signals; and

b.2. an interface software component to add a first network service software component that provides one or more network services to said wireless local area network, the first network service software component loaded into the hand-held device by the managing processing device, including a managing software component, sending the cellular signals over the one or more cellular networks; and

c) a device connected to the hand-held device and connected to the wireless local area network to transfer a first packet in the plurality of packets to the hand-held device, wherein the router software component maintains a first IP session link with a first cellular network in the one or more cellular networks and a second IP session link with a second cellular network in the one or more cellular networks.

55-57 (cancelled)

58. (previously presented) The system of claim 54, wherein the router software component tunnels the plurality of packets to the managing processing device and wherein the managing processing device processes the plurality of packets.

59. (cancelled)

60. (currently amended) The system of claim 54, wherein the router software component maintains a first IP session link with a first cellular network in the one ~~one~~ or more cellular networks responsive to an amount of IP packets received in the plurality of packets.

61. (previously presented) The system of claim 54, wherein the router software component initiates a first IP session link with a first cellular network in the one or more cellular networks responsive to a signal from the managing processing device.

62-64 (cancelled)